1/1 - (C) WPI / DERWENT
AN - 2001-610074 [70]
AP - JP20000060548 20000306
PR - JP20000060548 20000306
TI - New G protein-coupled receptor polypeptide for use in the development of new drugs
IW - NEW PROTEIN COUPLE RECEPTOR POLYPEPTIDE DEVELOP NEW DRUG
PA - (KYOW) KYOWA HAKKO KOGYO KK
PN - JP2001245666A 20010911 DW200170 C12N15/09 126pp
IC - A01H5/00 ; A01K67/027 ; A61K39/395 ; A61K45/00 ; A61P25/00 ; A61P35/00 ; C07K14/705 ; C07K16/28 ; C12N1/15 ; C12N1/19 ; C12N1/21 ; C12N5/10 ; C12N15/09 ; C12P21/02 ; C12P21/08 ; C12Q1/68 ; G01N33/15 ; G01N33/50 ; G01N33/53 ; G01N33/566
AB - JP2001245666 NOVELTY - A G protein-coupled receptor (GPCR) polypeptide having a sequence (S1) of 371 amino acids, given in the specification, is new.
- DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
- (1) a polypeptide having an amino acid sequence in which at least one amino acid is deleted, replaced or added in S1 and having an activity substantially same as the above polypeptide;
- (2) a partial peptide of the above GPCR polypeptide having combinability to a ligand, an agonist, an antagonist or a function-modifying substance of the polypeptide;
- (3) a DNA encoding the above GPCR polypeptide;
- (4) a DNA having a sequence of bases 175 to 1287 in a sequence of 1714 base pairs (bp), given in the specification;
- (5) a DNA hybridizing with the above DNA under a stringent condition and encoding a polypeptide having an activity substantially the same as the above GPCR polypeptide;
- (6) a DNA encoding a partial peptide of the above GPCR polypeptide; and
- (7) a recombinant DNA prepared by recombining the above DNA to a vector; and
- (8) a transformed cell, a transformed plant or a transformed nonhuman animal carrying the above recombinant DNA.
- USE - The GPCR polypeptide can be used for the development of new drugs.
- (Dwg.0/16)

1: BD017045. Novel polypeptide...[gi:22558221] Links

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LOCUS       BD017045                1714 bp    DNA     linear   PAT 27-AUG-2002
DEFINITION  Novel polypeptide.
ACCESSION   BD017045
VERSION     BD017045.1  GI:22558221
KEYWORDS    JP 2001245666-A/1.
SOURCE      Homo sapiens (human)
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 1714)
  AUTHORS   Sasaki,K., Nakatani,Y., Saeki,S., Kawai,H., Nish,T., Nakamura,Y.
            and Sugano,S.
  TITLE     Novel polypeptide
  JOURNAL   Patent: JP 2001245666-A 1 11-SEP-2001;
            KYOWA HAKKO KOGYO CO LTD
COMMENT     OS   Homo sapiens (human)
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            PD   11-SEP-2001
            PF   06-MAR-2000 JP 2000060548
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            PI   TATSUYA NISHI,
            PI   YUSUKE NAKAMURA,SUMIO SUGANO
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(360584-42-5) DNA (human G protein-coupled receptor sequence homolog KAT06734L cDNA plus flanks)

Score = 3090 Expect = 0.0
Identities = 1565/1567 (99%)
Strand = Plus / Plus

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